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TYPES OF SCRAPER CONVEYERS IN USE IN USER COAL MINES

N. D. Samoylyuk

. There are 17 different types of scraper conveyer in use in the USSR coal mines as indicated in the following table:

			Motor Capa-	Morizontal	
Type	<u>Function</u>	Productivity (tons/hr)	city (kw)	Haulage (m)	Production Status
STS-3	Conveying cosl from Moscow Basin mine faces	36	4.5	50	Series production
ST-6	Conveying coal from Moscow Basin mine faces	ĻО	4.5	50	Series production
SKR-11 with usual chutes	Conveying coal from and delivering mine timbers to mine faces	60	11.4	70	Series production
SKR-11 with identi- cal up- per and	Conveying coal from and delivering mine timbers to mine faces	60	11.4	70	Series production

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Туре	<u>Fúnction</u>	Productivity (tons/hr)		Horizontal Haulage (m)	Production Status
SKT	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works to- gether with combine or cutting and load- ing machine		11.4	100	Series production
sкт ₂ -6	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works to- gether with combine or cutting and load- ing machine	25	11.4	100	Series production for indi- vidual orders
sкт ₃ -6	Conveying coal from mine faces in thin seams; delivering mine timbers to mine faces. Works together with cutting machine	25	11.4	100	Scries Production
SKTD	Conveying coal from mine faces up to 170 m long in thin seams; delivering mine timbers to mine faces. Works together with combine	4 5	17	170 with haulage along pas- sage dip- ping 12 degrees	Experi- mental model being produced
STR-30	Conveying coal from mine faces with cutting from frame of conveyer. Works together with cutting and leading machine	. 100/150	20.5/29	100	Series Production
SK-30	Conveying coal from and delivering mine timbers to mine face. Works together with Donbass combine and other machines	.100	29 85	Up to 180 with haul- age along passage dip- pung 10 de- gress 100	Experimental model has been produced
us-4	Conveying coal from mine faces. Works together with coal stripper	100/150	25/36	of the faul of 140 Long passage of po- ping 10 com grees	Series production

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Type	Function	Productivity (tons/hr)	Motor Capa- city (kw)	Horizontal Haulage (m)	Production Status
STP-30	Conveying coal from mine faces with cut- ting from frame o of conveyer. Works with cutting and loading machine	100/150	20.5/29	100	Experi- mental models already constructed are being tested
. SK-20	Conveying coal from Moscow Basin mine faces. Works with VOM combine	80	2115/ 29) .	80/110	Experi- mental models under construc- tion
SKM-1	Conveying coallfrom mine faces. Works with cutting and loading machine and with coal stripper. Can be moved with- out dismantling	150	two eat 29 one at 21.7 2115	250 with haulage along passage dipping 6 degrees	Experi- mental models under construc- tion
Kuzbass	Conveying coal from and delivering mine timbers to mine face	60	11.4	100	Experi- mental models already constructed
KSKO .	Conveying coal from mine faces. Works with cutting and load- ing machine	80	36	100	Experi- mental models already constructed
SPK-16	Auxiliary conveyer;, conveying coal from mine face along cross- cuts to longitudinal conveyer in mines with longitudinal pillars	100/150/200	16	30	Experi- mental models already constructed

- END -

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